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A NEW GENUS OF FUNGI.

A. P. MORGAN.

The following unique genus and species I have discovered in my range the present autumn. It necessitates an additional section, *HYALODICTYAE* in the *Tuberculariaceae* of Saccardo's *Sylloge Fungorum*.

SPOROCYSTIS CONDITA Morgan gen. & sp. nov. — Stroma large, subglobose, fleshy, white, with a mycelium of slender white filaments; the spores a dense superficial layer. The pellucid hyphae compacted into a soft parenchymatous tissue, rich in fatty globules; the spores borne on the more or less distinct extremities. Spores sub-globose, white, 50-70 mic. in diameter, each composed of many small spherical cells, 9-11 mic. in diameter.

Growing on old leaves in woods; Preston, Ohio, October 1902. The stromata usually scattered, 1-2 mm. in diameter, occasionally two or three confluent. The dry spore shows best the cells of which it is composed. The stroma, mycelium and spores all abound in oil-globules as in the *Entomophthoraceae*; these are best exhibited in a drop of water.